Print date: 04/05/2002

Carroll County, Indiana Table K2.--Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol	Restric	tive layer		Subsic	lence	 Potential	Soil	Risk of	corrosion
and soil name	Depth to top		Hardness	 Initial	Total	for frost action	Slippage Potential		 Concrete
AsB2:	 In 	In		In	In	 Moderate		Low	 High
At: Armiesburg	 					 High	 	 Moderate	 Low
Beaucoup	 			0 1		 High		 High	Low
Beaucoup	 	 		0 1		 High		 High	Low
CaA:	 	 		0 1		 High		Low	 Moderate
CaB2:	 			0		 High		 Low	 Moderate
CeG:	 	 		0 1		Low		 Moderate	Low
Hennepin	 			0 1		Moderate		Low	Low
Cg:	 	 		0 1		 High		Low	Low
Ck: Ceresco Variant	 	 		0 1		 High		 Moderate	Low
Cohoctah	 			0 1		 High		 High	Low
Cp:	 			0 1		 High		 High	Low
Cr: Cohoctah Variant-	 			0 1		 High		 High	 Low
CtB:	 			0 1		 Low		Low	 Moderate
CvA:	 			0 1		 High		 High	 Moderate

Table K2.--Soil Features--Continued

Map symbol		Restric	tive layer		Subsic	dence	 Potential	 Soil	Risk of	corrosion
and soil name	Kind	Depth to top		Hardness	 Initial	Total	for frost action	Slippage Potential		Concrete
		In	In		In	In	i	i	i	i
Crosby		 			0 1		 High	 	 High	 Moderate
Fincastle		 			0 1	 	 High	 	 High	 Moderate
CyB: Crosier		 	 		0		 High	 	 High	Low
Whitaker		 			0 1		 High	 	 High	 Moderate
Cz: Cyclone		 		 	0 1	 	 High	 	 High	Low
FaA: Fincastle					0		 High		 High	 Moderate
Starks		 			0 1	 ===	 High	 	 High	 Moderate
FbB: Fincastle		 			0 1		 High	 	 High	 Moderate
Starks					0		High		High	Moderate
FsA: Fox	===	 ===	 ===	 ===	0 1		 Moderate	 	 Moderate	 Moderate
FsB2: Fox		 	 	 	0 1	 ===	 Moderate	 	 Moderate	 Moderate
FtC3: Fox		 	 		0	 ===	 Moderate	 	Low	 Moderate

	1							1
HkG:	1	1		1	l l	1	1	1
Hennepin		.		0	Moderate		Low	Low
1	1	1	1	1	I I	1	1	I
HnG:		1	1		I I	1	1	1
Hennepin				0	Moderate		Low	Low
	1	1	1	1	l l	1	1	1
Rock Outcrop				0				
	1	1	1	1	l l	1	1	1
Hw:	1	1	1	1	l l	1	1	1
Houghton, drained				6-18	55-60 High		High	Moderate
	1	1	1	1	l l	1	1	1
Jr:	1	1	1	1	l l	1	1	1
Jules				0	High		Low	Low
	1	1	1	1	I I	1	I	1
Table K2 Soil Featur	resContinued	i						

Map symbol		Restric	tive layer		Subsic	lence	 Potential	l Soil	Risk of o	corrosion
and soil name	Kind	Depth to top		 Hardness	 Initial	Total	for frost action	Slippage	Uncoated steel	 Concrete
		In	In		In	In			i	
Js: Jules		 			0 1		 High	 	 Low	 Low
Stonelick		 			0 1		 Moderate	 	Low	Low
KcA: Kalamazoo		 			0 1		 Moderate	 	Low	Low
KcB2: Kalamazoo					0 1		 Moderate	 	Low	Low
KfA: Kendall		 			0		 High	 	 High	 Moderate
KgA: Kendall		 			0 1		 High	 	 High	 Moderate
Fincastle		 			0 1		 High	 	 High	 Moderate
Ld: Landes		 			0		 Moderate	 	Low	Low
Lo: Landes		 			0 1		 Moderate	 	Low	Low
Ls: Landes		 			1 1		 Moderate	 	 Low	Low
Moundhaven					0 1		Low	 ===	Low	Low
Ma: Mahalasville		 			0		 High	 	 High	Low
Mb: Mahalasville		 			1 1		 High	 	 High	 Low
Mc: Mahalasville		 			1 1		 High	 	 High	 Low
Treaty		 			0 1		 High	 ===	 High	Low
MdB2: Martinsville		 			0 1		 Moderate	 	 Moderate	 Moderate
Miami					0 1		 Moderate	 ===	 Moderate	 Moderate
Table K2Soil Feat	uresCon	tinued	1		1 1		ı	I	1	1

1		Restric	tive layer		Subsid	dence			Risk of corrosion	
Map symbol					1		Potential	Soil		
and soil name		Depth	T I				for	Slippage	Uncoated	T
	Kind	to top	Thickness	Hardness	Initial	Total	frost action	Potential	steel	Concrete
		-¦In	In In		In	In	¦		<u>'</u>	-¦
MfC3:		1	1 1		1		1	1	1	1
Martinsville		-			0		Moderate		Moderate	Moderate
Miami		-			0		Moderate		 Moderate	 Moderate
MhD3:		I I					 	 	 	1
Miami		- 			0		Moderate		Moderate	Moderate
MkB2:		i	i i					İ	İ	İ
Miami		-			0		Moderate		Moderate	Moderate
Crosier					0		High		High	Low
Mm:							1	 		1
Milford		-			0		High		High	Low
Mo:		i						 		
Milford		-			0		High		High	Low

	1				l	I	ı	ı	ı
Mp: Milford				 0		 High		 High	Low
Mt: Millsdale	 Bedrock (lithic)	 20-40 		 0	 	 High 		 High 	 Low
MuB: Milton Variant	 Bedrock (lithic)	 10-20 		 0		 Moderate 		 Low 	 Low
Mv: Moundhaven				 0		 Low		 Low	 Low
Landes Variant				 0		Moderate		Low	Low
MwB: Mudlavia	 	 	 	 0		 Moderate 		 High 	 High
MxA: Mudlavia Variant-	 Bedrock (lithic)	 20-40 		 0		 Moderate 		 High 	 Low
OdA: Ockley	 		 	 0	 	 Moderate 		 Moderate 	 Moderate
OdB2: Ockley	 	 		 0		 Moderate		 Moderate	 Moderate
Table K2Soil Fe	 aturesCont	 inued				I	l	I	I

Map symbol		Restric	tive layer		Subsid	dence	 Potential	 Soil	Risk of	corrosion
and soil name		Depth to top		Hardness	 Initial	Total		Slippage		Concrete
OfB2:	 	In	In		In 0	In	 Moderate	 	 Moderate	 Moderate
OgA: Ockley	 	 					 Moderate	 	 Moderate	 Moderate
Rush	 				0		 High	 	 Moderate	 Moderate
OhC3: Ockley	 ===	 			0		 Moderate	 	 Moderate	 Moderate
Kendallville					0		Moderate		Moderate	Moderate
OrA: Ormas	 ===		 		0		 Moderate	 	Low	 Moderate
OrB: Ormas	 	 	 		0	 ===	 Moderate	 	Low	 Moderate
Pb: Palms	 	 			2-4	25-32	 High	 	 High	 Moderate
Pd: Palms	 	 	 		2-4	12-20	 High	 	 High	 Moderate
Pe: Palms Variant	 Bedrock (lithic)	 20-40 	 		2-4	12-20	 High 	 	 High 	 Moderate
Pg: Patton	 				0		 High	 	 High	Low
Pk: Pella	 ===		 		0		 High	 	 High	Low
PnB: Piankeshaw Variant	 	 	 		0		 Moderate	 	 Low 	Low
Pp: Pits	 	 				 	 	 		
Pr: Pits	 	 			0			 		
Table K2Soil Fea	 aturesCon	 tinued	1 1				I	I	I	I

	1	Restrictive layer							Risk of	corrosion
Map symbol	1						Potential	Soil		
and soil name	1	Depth	T T		1		for	Slippage	Uncoated	T
	Kind	to top	Thickness	Hardness	Initial	Total	frost action	Potential	steel	Concrete
	1	1	1 1		1 1			1		
	1	In	In		In	In	1	1	1	
RmB2:	I	1	1 1		1 1			I		1
Riddles					0		Moderate		Moderate	Moderate
	1	1	1 1		1 1			1		1
Miami					1 0 1		IModerate		IModerate	IModerate

RmD2:	 	l I	 	 	l I	l I	I I	 		1
Riddles					0		Moderate		Moderate	Moderate
Miami					0		Moderate		Moderate	Moderate
RnC3:		l I	 	 	 	l I		 		
Riddles		 			0 	 	Moderate	 	Moderate	Moderate
Miami					0		Moderate		Moderate	Moderate
RoA:									i	
Rockfield	 	 	 	 	0 	 	High 	 	High 	Moderate
RrB2: Rockfield		l I			I I 0	l I	 High	 	 High	 Moderate
	İ	i	i	 	i I 0	i	1	 	1	İ
Williamstown		 			1	 	High 	 	Moderate	Low
Rt: Ross		 			 0	 	 Moderate	 	 Low	Low
Ru:		 	I	I	l i	l I	I I	 	1	1
Ross					0		Moderate		Low	Low
RwA:		l I	 	 	 	 	1	 	 	1
Rush		 			0 	 	High 	 	Moderate	Moderate
Sn: Sloan		 	 		 0		 High		 High	Low
										I
So: Sloan		 			l 0	 	 High	 	 High	Low
Ss:		l I	I I	l I	[[1	 	1	1
Sloan		40-60			0		High		High	Low
	(lithic) 	l I	 	 	 	l I		 		
Starks	 	 			 0		 High	 	 High	 Moderate
Ud:	l i	l I	I	I	Į.		1	 	_ 	1
Udorthents					0		None			
Table K2Soil Fe	 aturesCont	l tinued	I	I	1	I	I	I	1	I

Map symbol	 	Restric	tive layer		Subsic	lence	 Potential	 Soil	Risk of o	corrosion
and soil name	 Kind	Depth to top		Hardness	 Initial	Total	for frost action	Slippage		 Concrete
		In	In		In	In			i	·
W: Water		 						 		
Wd: Wallkill	 	 	 		0 1		 High	 	 Moderate	 Moderate
We: Warners Variant	 	 	 		0 1		 High	 	 High	Low
Wk: Washtenaw	 	 	 		0 1		 High	 	 High	Low
WoA: Waynetown		 			0		 High	 	 High	 Moderate
WpA: Waynetown	 	 	 		1 1		 High	 	 High	 Moderate
Sleeth		 			0 1		 High	 	 High	 Moderate
Wr: Westland	 	 			0 1		 High	 	 High	 Low
Ws: Westland	 Bedrock (lithic)	 40-60 	 				 High 	 	 High 	 Low
WvB2: Williamstown	 	 					 High 	 	 Moderate 	 Low